Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Saturday 08 Jan 2022 until 23:59 on Sunday 09 Jan 2022

Forecast Issued on Friday 07 Jan 2022 at 12:08

Confidence: High for conditions swinging between cold and mild over the next few days and also for drier, more settled conditions towards the middle of next week. Lower for details of precipitation from Sunday.

Headline for Saturday 08 Jan 2022: Col, wet and windy. Some afternoon brightness.

Mountain weather hazards on Saturday 08 Jan 2022

Blizzards
Low Likelihood

Heavy Snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
Medium Likelihood

Poor visibility
High Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
Medium Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Heavy snow	Heavy Rain	Heavy Rain	Cloudy	Light snow showers	Heavy snow	Heavy snow
Precipitation probability							
20%	80%	90%	90%	30%	40%	70%	70%

Forecast for Saturday 08 Jan 2022

Weather: A band of snow will push east overnight briefly bringing blizzard conditions through the early hours, but soon turning to rain. This leaves spells of heavy rain across all parts through morning and a thaw of lying snow. The afternoon brings drier, brighter periods as well as a return to cold air and an increasing threat of snow showers, these falling as rain below around 300m and becoming frequent through evening.

Chance of cloud free mountain/hill tops above 600m: 40% through the middle of the day, otherwise very little chance.

Visibility: Very variable through the day. Cloud will shroud most slopes above 300m through morning with rain turning lower slopes hazy. This cloud lifts and breaks by late morning to give some brief cloud free periods on the tops, but conditions will gradually deteriorate as snow showers develop, these bringing whiteout conditions on highest ground as well as cloud often down to 300m again. Some limited shelter afforded to east facing slopes.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Mountain Weather Forecast

Forecast for Saturday 08 Jan 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	16/22 SW	19/27 SW	25/36 S	26/38 SW	21/30 SW	21/30 W	23/33 W	24/35 W	24/35 W
300	11/18 SW	12/22 S	20/30 S	21/32 S	15/22 SW	17/26 W	19/30 W	18/30 W	19/31 W
Valley	4/14 SW	8/22 S	11/26 S	14/30 S	9/22 SW	12/25 W	12/27 W	14/29 W	13/27 W

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-2/-8	-0/-7	2/-5	4/-2	4/-2	2/-4	0/-7	-0/-8	-1/-8
300	0/-5	2/-3	2/-3	6/1	6/2	5/0	3/-3	2/-4	2/-4
Valley	-0/-3	1/-2	3/-1	6/2	6/3	5/2	3/-1	3/-2	2/-2
Freezing Level*	200m	400m	1400m	1700m	1100m	800m	600m	500m	500m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Feeling bitterly cold in the strong winds with frequent precipitation. Gusts likely closer to 45mph on highest ground through morning. Afternoon cloud breaks unreliable.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Fri 07 Jan 2022	1.4mm	1.4mm	1.8mm

Forecast for Sunday 09 Jan 2022

Weather: Another cold, windy day with showers, these falling as snow above 200-300m through morning. A more organised spell of rain or sleet looks likely through the middle of the day as the snow level rises. Increasingly dry from sunset with some clearer spells into the evening.

Maximum wind: West 25-30mph, becoming 10-15mph by evening.

Chance of cloud free mountain/hill tops above 600m: 20%.

Visibility: Cloud, rain and snow will severely limit visibility away from lower slopes with cloud remaining largely extensive above around 400m but with westerly winds, eastern slopes will see the best of any shelter.

Temperature: **Valleys:** 1 or 2 Celsius rising to 5 or 6.
At 600m: Around freezing throughout.
Freezing level: 400m rising above summits by late morning.

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